

JRYM 403E: BLUEBEAM - INTERMEDIATE (ILT)

Foothill College Course Outline of Record

Heading	Value
Effective Term:	Fall 2026
Units:	0
Hours:	3 lecture, 3 laboratory per quarter (6 total per quarter)
Prerequisite:	This course is limited to students employed with Cupertino Electric.
Degree & Credit Status:	Non-Degree-Applicable Non-Credit Course
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Non-Credit Course (Receives no Grade)
Repeatability:	Unlimited Repeatability

Student Learning Outcomes

- Create custom tool sets for repetitive markups and estimations
- Perform quantity takeoffs and measurements directly from PDF drawings
- Manage document versions and overlay pages to identify changes
- Generate markup summaries for RFI or punch list tracking

Description

This course builds on the introductory Bluebeam course and introduces students to the pre-populated profiles developed by the pre-construction team. Students will gain hands-on experience using these customized profiles to streamline their workflows and enhance productivity.

Course Objectives

The student will be able to:

1. Create customized markups for site planning and coordination.
2. Develop dynamic tool sets that auto-resize based on the PDF's scale.
3. Work with BIM and 3-D images.
4. Utilize Bluebeam Studio for team collaboration and reviewing logistics plans.
5. Integrate Bluebeam Revu with existing Excel templates for seamless data management.
6. Generate accurate, detailed reports to share with CEI internal or external team members.

Course Content

1. Bluebeam
 - a. Estimating tools: measurement and calculation
 - b. Document management
 - c. Batch tools

Lab Content

1. Exercises that set up custom measurement tools, perform takeoffs, and calculate quantities and costs.
2. Exercises that organize large sets of drawings, manage revisions, and utilize markups and statuses to track project progress.
3. Setting up various batches to automate repetitive tasks.
4. Exercises that generate and export measurement data and markup lists into Excel or other formats.
5. Exercises that customize toolbars and profiles to streamline the user interface for specific workflows.

Special Facilities and/or Equipment

1. When taught in-person, clean classroom with monitor and printed material for students to take as reference materials.
2. When taught online, this course requires access to CEI's Learning Management System (Amplify), ongoing access to a computer with the necessary software and hardware to view video content, and a reliable intranet connection.
3. Access to Bluebeam Revu and Adobe Acrobat.

Method(s) of Evaluation

Methods of Evaluation may include but are not limited to the following:

Results of class participation
Results of hands-on demonstration

Method(s) of Instruction

Methods of Instruction may include but are not limited to the following:

Lectures
Group discussion
Classroom demonstration

Representative Text(s) and Other Materials

Cupertino Electric provides training materials related to Bluebeam application.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

No assignments.

Discipline(s)

Electricity